

**ERICSSON** 

Ericsson Research Canada  
8400 Decarie blvd.,  
Town of Mount-Royal (Qc)  
Canada H4P 2N2

Patent Department

Fax: (514) 345-7929

Date: 10 October 2003

Number of pages including cover sheet: 4

To: US Patent and Trademark Office  
Att.: Examiner Timothy Lee  
Group Art Unit: 2697

Phone: (703) 305-3800

Fax: (703) 872-9314

From: Lala Deleon - Patent Assistant  
Ericsson Canada Inc./M/P Department

Phone: (514) 345-7900 ext. 2479

Fax: (514) 345-7929

**FAX TRANSMISSION**

For: METHOD, SYSTEM AND RADIO BASE STATION FOR PAGING A MOBILE STATION  
IN A THIRD GENERATION GENERAL PACKET RADIO SERVICE (GPRS) NETWORK

Inventors: Paul J. Evans

Serial No.: 09/552,766

Filing date: 04/19/2000

Docket No.: P13614US

Mr. Lee:

Please find attached:

- an Election with Traverse in response to the Office Action of September 10, 2003.

Best regards,

*Lala Deleon*

Lala Deleon for Alex Nicolaescu - Patent Agent

**OFFICIAL**

**RECEIVED  
CENTRAL FAX CENTER**

OCT 10 2003

**CONFIDENTIALITY NOTICE**

The materials enclosed with this facsimile transmission are private and confidential and are the property of the sender. The information contained in the material is privileged and is intended only for the use of the individual(s) or entity (ies) named. If you have received this facsimile transmission in error, please mail it to Ericsson, Attention: Patent Department, 8400 Decarie Blvd, Town of Mount-Royal, (Qc) Canada H4P 2N2 (tel. 514-738-8300). If requested, you will be reimbursed for your postage.

C:\models\fax USPTO (Amendment - Alex).doc

6  
50  
10/24/03P13614US  
Application number 09/552,766

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: EVANS, Paul J )  
Serial No. : 09/552,766 ) Examiner : LEE, Timothy L  
Filed : 04/19/2000 ) Group Art Unit : 2697  
For : Method, System and Radio Base Station for Paging a Mobile Station in a Third  
Generation General Packet Radio Service (GPRS) Network

## CERTIFICATE OF FAXING:

I hereby certify that this correspondence is being  
faxed to the Commissioner for Patents,  
Alexandria, VA 22313-1450  
on 10/10/03 by LALA DELEON

Lala DeLeon  
Signature

MAIL STOP NON-FEE AMENDMENT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

ELECTION WITH TRAVERSE



27902

PATENT TRADEMARK OFFICE

Dear Sir:

Responsive to the outstanding Office action including a restriction requirement for the pending claims and dated 09/10/2003, for which the shortened statutory period of time for reply is set to expire on 10/10/2003, Applicant elects WITH TRAVERSE group I (claims 1-7) of the pending claims.

In his Office action, the Examiner contends that pending claims 1-7 belong to a 1<sup>st</sup> group of claims, claims 8-10, 13, and 14 belong to a 2<sup>nd</sup> group of claims, while claims 11, 12, and 15 belong to a 3<sup>rd</sup> group of claims, which groups are allegedly distinct in the Examiner's view.

The Examiner further alleges that the combination (Group II) "does not require the particulars of the subcombination (Group I) as claimed for patentability". The Applicant respectfully submits that the Examiner erred in this aspect, and herein kindly submits that in facts the combination (Group II) does require particular elements of the subcombination for patentability.

P13614US  
Application number 09/552,766

For example, claim 8 of the combination recites a packet-switched GPRS cellular telecommunications network comprising:

- a Serving GPRS Support Node (SGSN);
- an IP-based Radio Access Network (RAN); and
- at least one Radio Base Station (RBS) comprising routing area-cell mapping information;

wherein said routing area-cell mapping information defines a relation between a Routing Area (RA) and at least one cell served by said RBS.

On the other hand, claim 1 of the subcombination recites a Radio Base Station (RBS) comprising:

routing area-cell mapping information defining a relation between a routing area (RA) and at least one cell of said RBS;

a Packet Control Unit (PCU) for processing a page request received from a Serving GPRS Support Node (SGSN); wherein said PCU associates an RA information extracted from said page request with cell identification information using said routing area-cell mapping information. 1.

The patentable features of claim 8 include the Radio Base Station (RBS) comprising routing area - cell mapping information that defines a relation between a routing area (RA) and at least one cell served by the RBS. It is apparent that these particular elements are required for the patentability of claim 8. It is further apparent that these same feature are also included in claim 1.

Since elements required for the patentability of claim 8 are included in claim 1 and are also required for the patentability of claim 1, Applicant respectfully submits that the inventions of Group I and II cannot be said to be distinct, under MPEP §806.05(c).

Therefore, Group I and II do not meet the requirements stated by the Examiner for the issuance of a claim election/restriction, i.e. it is erroneous to say as alleged in the outstanding Office action that "the combination as claimed does not require the particulars of the subcombination as claimed for patentability". Consequently, Applicant respectfully submits that the present restriction requirement is defective, and therefore it should be withdrawn.

A similar argument can also be made with respect to the unity of invention of Group II and III. Both independent claims 8 and 11 comprise limitations required for their patentability directed to an RBS comprising routing area - cell mapping information that defines a relation between a routing area (RA) and at least one cell served by the RBS. It is apparent that these particular elements are required for both the patentability of claim 8 and 11.

Since elements required for the patentability of claim 11 are included in claim 8 and are also required for its patentability, Applicant respectfully submits that the inventions of Group II and III cannot be said to be distinct, under MPEP §806.05(c).

Therefore, Group II and III do not meet the requirements stated by the Examiner for the issuance of a claim election/restriction, i.e. it is erroneous to say as alleged in the outstanding Office action that "the combination as claimed does not require the particulars of the subcombination as claimed for patentability". Consequently, Applicant respectfully submits that the present restriction requirement is also defective, and therefore it should also be withdrawn.

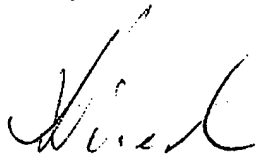
P13614US  
Application number 09/552,766

Conclusion

All pending claims 1-15 represent a unique inventive concept as described hereinabove. Therefore, Applicant kindly requests the withdrawal of the present restriction requirement.

In the Examiner finds out that the prosecution of the present invention would be facilitated by telephone interview, the Examiner is invited to contact the undersigned, Alex Nicolaescu, at telephone number (514) 345-7900 extension number 2596.

Respectfully submitted,



Alex Nicolaescu  
USPTO Reg. Number 47,253

Oct. 10, 2003

**RECEIVED  
CENTRAL FAX CENTER**

OCT 10 2003

**OFFICIAL**